

WHAT IS CLAIMED IS:

1. A method for the determination of soundness of a sheet-shaped medium having an IC chip which is attached on or put in the medium and which is constructed so that data stored in a memory of the IC chip can be sent in a radio mode by radio communication between the IC chip and a communication device or means,

at least a portion of the data stored in the memory of the IC chip being at least one selected from first information about a facility of service which provides a first service which an owner of the medium can obtain by using the medium, second information which is personal information of the owner and third information which is unique to the IC chip and can be used for distinguishment of the IC chip from other IC chips;

the information of a plurality of IC chips being manageable by storing at least one of the first, second and third information and a related information obtained using the information as a key in a memory;

the method comprises: receiving at least one of the first, second and third information in the IC chip; reading the related information from the memory using the at least one information as a key; and determining the soundness of the medium or a proof item or items of the medium based on the received information and the read information.

2. A method for the verification of data of a sheet-shaped medium having an IC chip which is attached on or put in the medium and which is constructed so that data stored in a

memory of the IC chip can be sent in a radio mode by radio communication between the IC chip and a communication device or means,

at least a portion of the date stored in the memory of the IC chip being at least one selected from first information about a facility of service which provides a first service which an owner of the medium can obtain by using the medium, second information which is personal information of the owner and third information which is unique to the IC chip and can be used for distinguishment of the IC chip from other IC chips;

when the owner of the IC chip has the right to obtain the first service, at least one of the first, second and third information of the IC chip is stored in the memory as a data set about the owner;

the method comprising: receiving at least one of the first, second and third information in the IC chip; and verifying the received date against the date set.

3. The method according to claim 2, wherein the sheet-shaped medium comprises one member selected from the group consisting of a paper, a plastic and a film with a peel-off sticker.

4. The method according to claim 2, wherein the sheet-shaped medium is intended to be used as a life insurance certificate, a non-life insurance certificate, a health insurance certificate, a merchandise coupon, a share certificate, a paper money, a ticket or a passenger ticket.

5. A method for the verification of data of a sheet-shaped

medium having an IC chip which is attached on or put in the medium and which is constructed so that data stored in a memory of the IC chip can be sent in a radio mode by radio communication between the IC chip and a communication device or means,

at least a portion of the data stored in the memory of the IC chip being identification data provided to the IC chip;

when the right of obtaining a service by using the medium is granted to an owner of the medium, the identification data of the IC chip of the medium being stored in the memory as a data set about the owner;

the method comprising: receiving the identification data in the IC chip; and verifying the received data against the data set to determine whether the owner has the right of obtaining the service.

6. The method according to claim 5, wherein the sheet-shaped medium comprises one member selected from the group consisting of a paper, a plastic and a film with a peel-off sticker.

7. The method according to claim 5, wherein the sheet-shaped medium is intended to be used as a life insurance certificate, a non-life insurance certificate, a health insurance certificate, a merchandise coupon, a share certificate, a paper money, a ticket or a passenger ticket.

8. A method for the verification of data of a sheet-shaped medium having an IC chip which is attached on or put in the medium and which is constructed so that data stored in a memory of the IC chip can be sent in a radio mode by radio

communication between the IC chip and a communication device or means,

at least a portion of the date stored in the memory of the IC chip being identification data provided to the IC chip;

when an owner of the medium has the right of obtaining a service, the identification data of the IC chip of the medium is stored in the memory as a data set about the owner, and at least one item selected from the term for which the owner can obtain the service, the number of times the owner can obtain the service and the remaining number of times the owner can obtain the service is stored using the identification data as a key in the memory as a data set wherein the data set is constructed so as to be updated successively;

the method comprising: receiving the identification data in the IC chip of the medium; and verifying the received date against the date set to determine whether the owner has the right of obtaining the service.

9. The method according to claim 8, wherein the sheet-shaped medium comprises one member selected from the group consisting of a paper, a plastic and a film with a peel-off sticker.

10. The method according to claim 8, wherein the sheet-shaped medium is intended to be used as a life insurance certificate, a non-life insurance certificate, a health insurance certificate, a merchandise coupon, a share certificate, a paper money, a ticket or a passenger ticket.

11. A method for the verification of data of a sheet-shaped medium having an IC chip which is attached on or put in the

medium and which is constructed so that data stored in a memory of the IC chip can be sent in a radio mode by radio communication between the IC chip and a communication device or means,

at least a portion of the data stored in the memory of the IC chip being unique data which can be used for the distinguishment of the IC chip from other IC chips;

for as long as the medium is circulated in marketplace and a flagging function for receiving a particular service is provided to the owner of the medium, the unique data of the IC chip of the medium or data obtained using the unique data as a key is stored in the memory as a data set about the owner to whom the flagging function is provided;

the method comprising: receiving the unique data in the IC chip of the medium; and verifying the received data against the data set to determine whether the owner has the right of obtaining the service.

12. The method according to claim 11, wherein the sheet-shaped medium comprises one member selected from the group consisting of a paper, a plastic and a film with a peel-off sticker.

13. The method according to claim 11, wherein the sheet-shaped medium is intended to be used as a life insurance certificate, a non-life insurance certificate, a health insurance certificate, a merchandise coupon, a share certificate, a paper money, a ticket or a passenger ticket.